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(FILE 'HOME' ENTERED AT 15:09:21 ON 01 MAR 2005)

FILE 'STNGUIDE' ENTERED AT 15:13:13 ON 01 MAR 2005

FILE 'BIOSIS, CAPLUS, EMBASE, MEDLINE, CANCERLIT, JAPIO' ENTERED AT 15:14:11 ON 01 MAR 2005

L1	6	S (ENDOGENOUS LACTOFERRIN)
L2	3	DUPLICATE REMOVE L1 (3 DUPLICATES REMOVED)
L3	220	S LACTOFERRIN AND FECAL?
L4	26	S L3 AND ANTIBOD?
L5	39	S (ENZYME? POLYCLONAL)
L6	0	S L3 AND L5
L7	4	S L4 AND POLYCLONAL
L8	1	DUPLICATE REMOVE L7 (3 DUPLICATES REMOVED)
L9	4	S (ENZYME LINK? POLYCLONAL ANTIBOD?)
L10	1	DUPLICATE REMOVE L9 (3 DUPLICATES REMOVED)

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ANSWER 1 OF 1 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
DUPLICATE 1
AN 1995:299272 BIOSIS
DN PREV199598313572
TI Enhanced interleukin 8 secretion in circulation of patients with Behcet's disease.
AU Al-Dalaan, Abdullah [Reprint author]; Al-Sedairy, Sultan; Al-Balaa, Suliman; Al-Janadi, Mansour; Elramahi, Kamal; Bahabri, Sultan; Siddiqui, Shahnaz
CS Academic Affairs and Postgraduate Educ., MBC 36, King Faisal Specialist Hosp. Res. Cent., P.O. Box 3354, Riyadh 11211, Saudi Arabia
SO Journal of Rheumatology, (1995) Vol. 22, No. 5, pp. 904-907.
CODEN: JRHUA9. ISSN: 0315-162X.
DT Article
LA English
ED Entered STN: 11 Jul 1995
Last Updated on STN: 11 Jul 1995
AB Objective. The pathogenesis of Behcet's disease (BD) has not yet been determined. Several hypotheses have been postulated and cytokines that control growth proliferation and hematopoiesis of progenitor cells play a role in relation to immune response and inflammatory dysfunction. We investigated whether cytokines play a role in pathogenesis of BD. Methods. We employed the quantitative sandwich enzyme immunoassay technique, in which antibody is already coated on the microliter plate standards and samples are pipetted into the wells. Antigen present is bound by immobilized antibody. After incubation and washing steps, conjugate, which is **enzyme linked polyclonal antibody** specific for the antigen is added to the wells. Following a wash to remove any unbound antibody enzyme reagent, a substrate solution is added to the wells, and color develops in proportion to the antigen bound in the initial steps, which can be read in terms of optical density present in the standards and in the samples. Results. Of a total of 53 samples with BD, 33 (64%) had detectable levels of interleukin 8 (IL-8). Levels of IL-6, tumor necrosis factor a and interferon-gamma were not significantly elevated in patients with BD. Conclusion. We found that IL-8 levels are higher in patients with active BD, and since IL-8 has a potent effect on the neutrophil, this cytokine most likely participates in the inflammatory response of this disease.
CC Biochemistry studies - Proteins, peptides and amino acids 10064
Pathology - Inflammation and inflammatory disease 12508
Pathology - Therapy 12512
Metabolism - Proteins, peptides and amino acids 13012
Blood - Blood and lymph studies 15002
Blood - Lymphatic tissue and reticuloendothelial system 15008
Endocrine - General 17002
Bones, joints, fasciae, connective and adipose tissue - Physiology and biochemistry 18004
Bones, joints, fasciae, connective and adipose tissue - Pathology 18006
Immunology - Immunopathology, tissue immunology 34508
IT Major Concepts
Blood and Lymphatics (Transport and Circulation); Clinical Endocrinology (Human Medicine, Medical Sciences); Endocrine System (Chemical Coordination and Homeostasis); Metabolism; Pathology; Skeletal System (Movement and Support)
IT Miscellaneous Descriptors
CYTOKINE; IMMUNE RESPONSE; INFLAMMATION; INTERFERON-GAMMA; INTERLEUKIN-6; RHEUMATOLOGY; TUMOR NECROSIS FACTOR-ALPHA
ORGN Classifier
Hominidae 86215
Super Taxa
Primates; Mammalia; Vertebrata; Chordata; Animalia
Organism Name
human

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AN 91266552 EMBASE
DN 1991266552
TI Copurification of bovine milk xanthine oxidase and immunoglobulin.
AU Clare D.A.; Lecce J.G.
CS Grinnells 7626, North Carolina State Univ.,Raleigh, NC 27695-7626, United States
SO Archives of Biochemistry and Biophysics, (1991) 286/1 (233-237).
ISSN: 0003-9861 CODEN: ABBIA4
CY United States
DT Journal; Article
FS 029 Clinical Biochemistry
LA English
SL English
AB Xanthine oxidase, isolated from bovine milk, exhibited an A280:A(**450nm**) ratio of 5.0. This ratio is reported to be indicative of highly purified enzyme preparations. Serum from a rabbit hyperimmunized against this enzyme fraction exhibited two precipitation lines when incubated with the protein in agarose double diffusion plates. Serum albumin, β-lactoglobulin, α-lactalbumin, **lactoferrin**, casein, chymosin, and immunoglobulin were tested for reactivity. The second antigen was identified as bovine immunoglobulin. Commercial preparations of xanthine oxidase also contained immunoglobulin as a contaminant. IgG and IgA were present in Sigma (Grade III) fractions and IgM was identified in Boehringer Mannheim preparations. Immunofluorescent studies indicated that xanthine oxidase antiserum reacted with the capillary endothelium of bovine heart. Absorption of this antiserum with bovine IgG abrogated this reaction. These findings may explain apparent discrepancies between reported immunohistological association of xanthine oxidase in heart capillary endothelial cells and the absence of detectable enzymatic activity.
CT Medical Descriptors:
*enzyme purification
article
cattle
nonhuman
priority journal
Drug Descriptors:
*milk
*immunoglobulin: EC, endogenous compound
*xanthine oxidase: EC, endogenous compound
RN (milk) 8049-98-7; (immunoglobulin) 9007-83-4; (xanthine oxidase) 9002-17-9

ANSWER 9 OF 10 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
AN 2002:211046 BIOSIS
DN PREV200200211046
TI Fecal **lactoferrin** is a sensitive and specific marker for chronic inflammatory bowel diseases.
AU Kane, Sunanda [Reprint author]; Sandborn, William J.; Rufo, Paul; Zholudev, Anna; Boone, James; Lyerly, David; Camilleri, Michael; Hanauer, Stephen B.
CS Univ of Chicago, Chicago, IL, USA
SO Gastroenterology, (April, 2001) Vol. 120, No. 5 Supplement 1, pp. A.276. print.
Meeting Info.: 102nd Annual Meeting of the American Gastroenterological Association and Digestive Disease Week. Atlanta, Georgia, USA. May 20-23, 2001. American Gastroenterological Association; American Association for the Study of Liver Diseases; American Society for Gastrointestinal Endoscopy; Society for Surgery of the Alimentary Tract.
CODEN: GASTAB. ISSN: 0016-5085.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
102(a)
LA English
ED Entered STN: 27 Mar 2002
Last Updated on STN: 27 Mar 2002
CC General biology - Symposia, transactions and proceedings 00520
Clinical biochemistry - General methods and applications 10006
Biochemistry studies - Proteins, peptides and amino acids 10064
Digestive system - Physiology and biochemistry 14004
Digestive system - Pathology 14006
Immunology - Immunopathology, tissue immunology 34508
IT Major Concepts
Clinical Chemistry (Allied Medical Sciences); Clinical Immunology (Human Medicine, Medical Sciences); Gastroenterology (Human Medicine, Medical Sciences)
IT Parts, Structures, & Systems of Organisms
bowel: digestive system; colon: digestive system; feces: digestive system, weight; stool: digestive system
IT Diseases
Crohn's disease: digestive system disease, immune system disease, diagnosis
Crohn Disease (MeSH)
IT Diseases
chronic inflammatory bowel disease: digestive system disease, immune system disease, diagnosis
Inflammatory Bowel Diseases (MeSH)
IT Diseases
irritable bowel syndrome: digestive system disease, diagnosis
Colonic Diseases, Functional (MeSH)
IT Diseases
ulcerative colitis: digestive system disease, diagnosis
Colitis, Ulcerative (MeSH)
IT Chemicals & Biochemicals
lactoferrin: diagnostic marker
IT Miscellaneous Descriptors
disease activity; Meeting Abstract
ORGN Classifier
Hominidae 86215
Super Taxa
Primates; Mammalia; Vertebrata; Chordata; Animalia
Organism Name
human: patient
Taxa Notes
Animals, Chordates, Humans, Mammals, Primates, Vertebrates

Taxa Notes
Animals, Chordates, Humans, Mammals, Primates, Vertebrates

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